

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **04282689 A**(43) Date of publication of application: **07.10.92**

(51) Int. Cl.

**G09G 5/00**  
**G06F 15/68**  
**G09G 5/06**  
**H04N 5/66**

(21) Application number: **03046579**(22) Date of filing: **12.03.91**(71) Applicant: **MATSUSHITA ELECTRIC IND CO LTD**(72) Inventor: **KAGEYAMA ATSUHISA**(54) **GRADATION CORRECTION DEVICE**

(57) Abstract:

**PURPOSE:** To offer the gradation correction device which has small deterioration in an SN ratio due to the gradation correction of a video brightness signal.

**CONSTITUTION:** The high frequency component and low frequency component of an input brightness signal are separated through an HPF 3 and an LPF 2; and the low frequency component is supplied to a gradation correcting circuit 11 for (r) correction and the high frequency component which contains many noise components is supplied to an adding circuit 8 as it is or after being reduced by a gain control circuit 5 relatively to the low frequency component amplitude, so that the adding circuit puts both low frequency components together into one.

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